

NAE/NNE FLOAT LEVEL SWITCHES



Flow
Pressure
Level
Temperature
measurement
monitoring
control

N1



- **Maximum Temperature: 200°F**
- **Minimum Liquid Specific Gravity: 0.7**
- **Polypropylene or Hypalon Coated Floats**
- **SPST or SPDT Microswitch Output**



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Model:
NAE



LIQUID LEVEL SENSING CONTROL

The KOBOLD NAE and NNE level switches provide mercury-free switching for tank applications requiring high AC current capability. Both units are constructed of industrial quality polypropylene. The NNE may be purchased with an optional Hypalon® coating for superior chemical resistance.

The NAE has the higher capacity switch of these two. It is rated to 8 amps steady state and 10 amps transient current. With such capacities, pumps may be directly controlled in most applications.

The NNE has a five isolated chamber design making it almost impossible to sink. The NNE comes with its own ballast weight, which makes it very economical indeed.



Specifications

Wetted Parts

NAE:	Polypropylene (PP)
NNE:	PP or Hypalon
Cable	
NAE:	16 ft Neoprene
NAE-U:	10 ft Neoprene
NNE:	16 ft PEC (HY model with Hypalon coating)

Media Density

NAE:	> 0.7 gm/ml
NNE:	> 0.7 gm/ml
NNE-HY:	> 0.7 gm/ml

Maximum Pressure

NAE:	15 PSIG
NNE:	80 PSIG

Maximum Temperature

NAE:	140 °F
NNE:	150 °F
NNE-HY:	200 °F

Mechanical Switch Characteristics

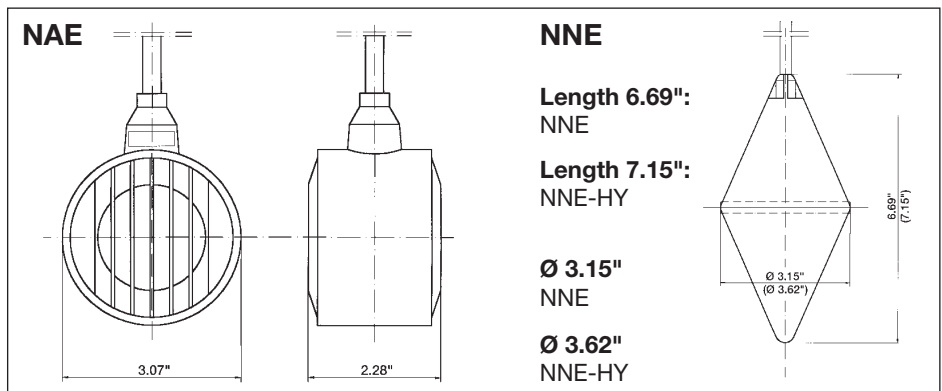
Electrical

NAE:	SPST or SPDT 250 VAC max 10(8) A max
NNE:	SPDT 250 VAC max 8(4) A max

Switching Angle: ± 15° of horizontal

Cable Glands

Wetted Parts:	Nylon, Buna-N
Maximum Pressure/Temp.	per the Switch specification



NAE and NNE Ordering Information

Model Number	Switch Function	Float Material	Cable Cladding
NAE-9120	N/O	Polypropylene	Neoprene
NAE-9120-U	SPDT	Polypropylene	Neoprene
NNE-9130 ¹	SPDT	Polypropylene	PEC ³
NNE-9130-HY ¹	SPDT	Hypalon® ² coated Polypropylene	Hypalon® ² coated PEC ³
CG-CD 13 NRBK	1/2" NPT Cable Gland Tank Connection		
Option: Extended Cable Length	Suffix "EC"		

¹ All NNE models come supplied with a ballast cable weight.

² HYPALON is a registered trademark of E.I. Dupont de Nemours.

³ PEC is polyethylene chloride. Hypalon® is a polyethylene chloride.